

ABSTRACT

A metal jet apparatus comprises a discharge nozzle 31 for jetting molten metal 20, and a gas passage 33 for supplying inert gas to a peripheral portion of a discharge port 32 of the discharge nozzle 31. The discharge port 32 of the discharge nozzle 31 and an outlet of a gas passage 33 are provided with a nozzle cover 34. The nozzle cover 34 includes a space 35 which is in communication with the discharge port 32 and the outlet of the gas passage 33, and which opens downward. A ring-like projection 36 is disposed around the opening. When the molten metal 20 is jetted from the discharge port 32 into the space 35, the inert gas is supplied to the space 35, thereby preventing the molten metal 20 from being oxidized, and it is possible to prevent the nozzle of the discharge port 32 from being clogged, and to form the molten metal 20 into a spherical shape.